

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S1 | 58 | ((250/310).CCLS.) and charging) and retarding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/23 17:01 |
| S2 | 1 | "6084238".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/23 17:07 |
| S3 | 1 | "5668372".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/23 17:08 |
| S4 | 1 | "3736422".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/23 17:09 |
| S5 | 193 | ((250/310).CCLS.) and charging | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/23 17:41 |
| S6 | 20 | ((250/310).CCLS.) and charging) and photoelectrons | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/23 17:42 |
| S7 | 1 | "5872358".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/23 17:48 |
| S8 | 1 | "5986263".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/23 17:50 |
| S9 | 2 | ("6344750").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/07/24 19:35 |
| S10 | 1 | "6091249".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:06 |
| S11 | 1 | "5493116".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:10 |
| S12 | 1 | "5401972".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:10 |
| S13 | 1 | "4843330".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:10 |
| S14 | 1 | "4417203".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:11 |
| S15 | 36 | ((414/217).CCLS.) and (electron adj beam) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/24 19:44 |

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| S16 | 1 | "4664578".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:48 |
| S17 | 1 | "4565601".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:49 |
| S18 | 1 | "4529869".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:49 |
| S19 | 1 | "4506455".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:49 |
| S20 | 1 | "4498833".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:49 |
| S21 | 1 | "4487675".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:49 |
| S22 | 1 | "3756067".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:50 |
| S23 | 1 | "3656454".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:50 |
| S24 | 1 | "3521765".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:50 |
| S25 | 1 | "3407097".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/24 19:50 |
| S26 | 0 | furumiya-h-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/30 16:23 |
| S27 | 498 | (250/251).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/07/30 16:23 |
| S28 | 8 | ((250/251).CCLS.) and photoelectrons | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/30 16:27 |
| S29 | 957 | (250/307).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/07/30 16:27 |
| S30 | 302 | ((250/307).CCLS.) and (charge or charging) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/30 16:28 |

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| S31 | 31 | ((250/307).CCLS.) and (charge or charging)) and photoelectrons | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/30 16:28 |
| S32 | 1 | "5441849".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:30 |
| S33 | 1 | "5591970".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:30 |
| S34 | 1 | "4992661".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:46 |
| S35 | 1 | "4976843".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:46 |
| S36 | 1 | "4957602".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:46 |
| S37 | 1 | "4956043".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:47 |
| S38 | 1 | "4851668".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:47 |
| S39 | 1 | "4795529".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:47 |
| S40 | 1 | "4116721".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:47 |
| S41 | 1 | "4088799".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:48 |
| S42 | 1 | "3497775".PN. | US-PGPUB; USPAT | OR | ON | 2003/07/30 16:48 |
| S43 | 1078 | (414/217).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/28 17:59 |
| S44 | 42 | ((414/217).CCLS.) and (mini adj environment) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 17:59 |
| S45 | 4 | ((414/217).CCLS.) and (mini adj environment)) and laminar | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 18:13 |
| S46 | 1 | "5752796".PN. | US-PGPUB; USPAT | OR | ON | 2004/09/28 18:03 |
| S47 | 37 | "5752796".URPN. | USPAT | OR | ON | 2004/09/28 18:06 |

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| S48 | 134 | ((414/217.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/28 18:13 |
| S49 | 20 | ((414/217.1).CCLS.) and laminar | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 18:22 |
| S50 | 61 | ((414/217).CCLS.) and laminar | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 18:23 |
| S51 | 51 | ((414/217).CCLS.) and laminar) not (((414/217.1).CCLS.) and laminar) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:06 |
| S52 | 2 | ("5665968").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/28 19:06 |
| S53 | 4 | ((250/310).CCLS.) and ((250/441. 11).CCLS.) and (turbo or turbomolecular) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:14 |
| S54 | 0 | ((250/310).CCLS.) and ((250/441. 11).CCLS.) and roots and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:14 |
| S55 | 692 | (turbo or turbomolecular) and roots and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:15 |
| S56 | 430 | ((turbo or turbomolecular) and roots and pump) and vacuum | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:15 |
| S57 | 202 | ((turbo or turbomolecular) and roots and pump) and vacuum) and semiconductor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:34 |

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| S58 | 46 | (((((turbo or turbomolecular) and roots and pump) and vacuum) and semiconductor) and ((sem) or (electron adj microscope))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:20 |
| S59 | 60 | (((((turbo or turbomolecular) and roots and pump) and vacuum) and ((sem) or (electron adj microscope))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:20 |
| S60 | 14 | (((((turbo or turbomolecular) and roots and pump) and vacuum) and ((sem) or (electron adj microscope)))) not (((((turbo or turbomolecular) and roots and pump) and vacuum) and semiconductor) and ((sem) or (electron adj microscope)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:20 |
| S61 | 55 | (((((turbo or turbomolecular) and roots and pump) and vacuum) and inspection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 19:35 |
| S62 | 210 | (250/441.11).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/28 20:22 |
| S63 | 1817 | ((250/310).CCLS.) or ((250/441.11).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 20:22 |
| S64 | 64 | ((((250/310).CCLS.) or ((250/441.11).CCLS.)) and root | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 20:22 |
| S65 | 11 | (((((250/310).CCLS.) or ((250/441.11).CCLS.)) and root) and vacuum and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 20:23 |
| S66 | 1633 | (250/310).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/28 22:46 |

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| S67 | 115 | ((250/310).CCLS.) and (ccd or tdi) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 22:47 |
| S68 | 66 | ((250/310).CCLS.) and (ccd or tdi)) and inspection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 22:47 |
| S69 | 78 | roots adj vacuum adj pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 23:21 |
| S70 | 3547 | turbo adj molecular adj pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 23:21 |
| S71 | 6 | (roots adj vacuum adj pump) and (turbo adj molecular adj pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 23:22 |